

03040206-110

(*Simpson Creek*)

General Description

Watershed 03040206-110 is located in Horry County and consists primarily of ***Simpson Creek*** and its tributaries. The watershed occupies 33,896 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Yauhannah-Ogeechee-Yonges-Mouzon-Nansemond series. The erodibility of the soil (K) averages 0.16; the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 41.7% forested land, 25.1% scrub/shrub land, 20.3% forested wetland, 11.9% agricultural land, 0.5% water, 0.4% urban land, and 0.1% barren land.

Simpson Creek accepts drainage from Mill Branch, Bear Branch, West Bear Branch (Neal Branch), another Mill Branch, Cowpen Swamp (Little Cowpen Swamp), Flat Bay, Floyd Bay, Big Swamp, and Todo Swamp (Thoroughfare Bay, Frank Branch). There are a total of 79.5 stream miles and a few ponds totaling 23.9 acres in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-363	W	FW	SIMPSON CREEK AT SC 905

Simpson Creek (PD-363) - Aquatic life and recreational uses are fully supported.

Nonpoint Source Management Program

Mining Activities

<i>MINING COMPANY</i>	<i>PERMIT #</i>
<i>MINE NAME</i>	<i>MINERAL</i>
LISTON T. HARDEE	1055-51
HARDEE	SAND/CLAY
WHITE & SONS, INC.	1132-51
HEWETT ROAD MINE	SAND/CLAY

Water Supply

Portions of this watershed fall within the Waccamaw Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.23).

Growth Potential

There is a low potential for growth in this watershed.